

Siemens Digital Industries Software

Faster, more efficient design for industrial machinery

Complexity is the new norm in machine design.



Smarter machines

From 1970-2010, the amount of software content in machines increased **45%**. (Source: VDMA)

By the year 2020: **80%** Multi-country operations

Globalization pressures

By 2020, around **80%** of manufacturers expect to have multi-country operations whereas currently just over half do. (Source: CECIMO Magazine)

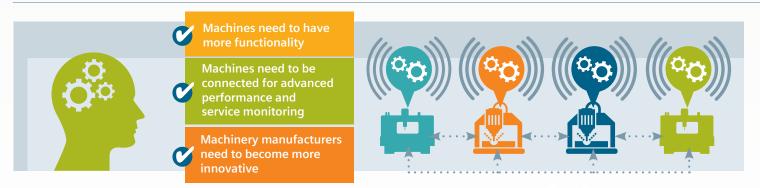


Customization will drive how industry operates. Globalized/diverse markets, distributed manufacturing and the increasingly global middle class will set industry challenges.

Increasing customization

Globalization will result in millions of new customers from regions requiring diverse features and pricing. (Source: Joint Research Council Foresight Study, European Commission)

Machines need to be smarter.



The virtual machine enables advanced, smart, machine design and engineering.

Faster time-to-market

- Improve speed and efficiency of the design process chain
- Ensure reproducibility and efficiency of the manufacturing processes

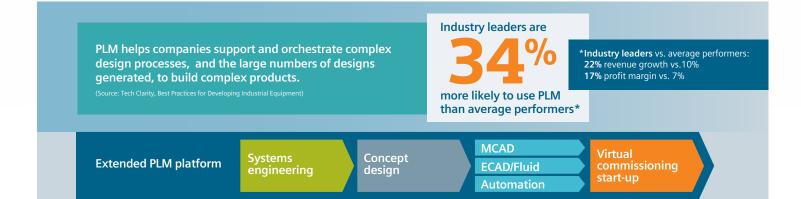




- More efficient manufacturing processes
- Meet regulatory needs with advanced mechatronic design



Virtual machine design, development and commissioning is critical to addressing complexity.



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